

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF THE CRITTENDEN-)
LIVINGSTON COUNTY WATER DISTRICT,)
A WATER DISTRICT ORGANIZED PURSUANT)
TO CHAPTER 74 OF KENTUCKY REVISED)
STATUTES, OF CRITTENDEN AND LIVINGSTON)
COUNTIES, KENTUCKY, FOR (1) A CERTI-)
FICATE OF PUBLIC CONVENIENCE AND)
NECESSITY, AUTHORIZING AND PERMITTING)
SAID WATER DISTRICT TO ACQUIRE AND)
CONSTRUCT A NEW WATERWORKS SYSTEM,) CASE NO. 8985
CONSISTING OF A WATER TREATMENT PLANT,)
PUMPING STATIONS, AND THE NECESSARY)
DISTRIBUTION SYSTEM AND LINES NEEDED)
TO SERVICE WATER TO SAID DISTRICT;)
(2) APPROVAL OF THE PROPOSED PLAN OF)
FINANCING OF SAID PROJECT; (3) APPROVAL)
OF THE WATER RATES PROPOSED TO BE)
CHARGED BY THE DISTRICT TO CUSTOMERS)
OF THE DISTRICT)

O R D E R

IT IS ORDERED that Crittenden-Livingston Water District ("Crittenden-Livingston") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by August 17, 1984. Crittenden-Livingston shall also furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested. If neither the requested information nor a motion for an extension of time is filed by the stated date the case may be dismissed.

1. The proposed waterlines in the vicinity of Pinckneyville and Levias which connect to lines A, H, and H-1 appear to be in violation of the PSC regulation (807 KAR 5:066, Section 11) which prohibits 2-inch noncirculating lines in excess of 250-feet in length. It appears as though 3-inch or larger lines should be installed. Provide comments concerning this matter.

2. In conjunction with the response to Item 35 of the Commission's May 1, 1984 Information Request, provide clarification as to which tank levels control each pump station. Also provide the expected daily inflow and outflow of water from each tank. Any assumptions are to be fully supported by appropriate measurements and hydraulic calculations.

3. In conjunction with the response to Item 36 of the Commission's May 1, 1984 Information Request, provide the actual Hazen-Williams "C" factor for the waterlines of the existing system. The "C" factor should be documented by appropriate field measurements and hydraulic calculations.

4. The hydraulic analyses filed in this case indicate the potential for residual pressures on the suction side of the Motts Corner pump station to fall below the PSC minimum requirement of 30 psig as required by 807 KAR 5:066, Section 6(1). The potential exists for Crittenden-Livingston to be in violation of the PSC's regulation governing available pressure if any customers are provided water service in this area. Provide data concerning the potential for serving customers in this area (i.e. number, type, potential peak and average demands, etc.). Provide a list of

changes necessary in the proposed construction to insure adequate pressure will be maintained. Include effects of any change on the proposed line's hydraulic analysis and estimated cost.

Done at Frankfort, Kentucky, this 20th day of July, 1984

PUBLIC SERVICE COMMISSION

Richard D. Herman
For the Commission

ATTEST:

Acting Secretary